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Figure 1

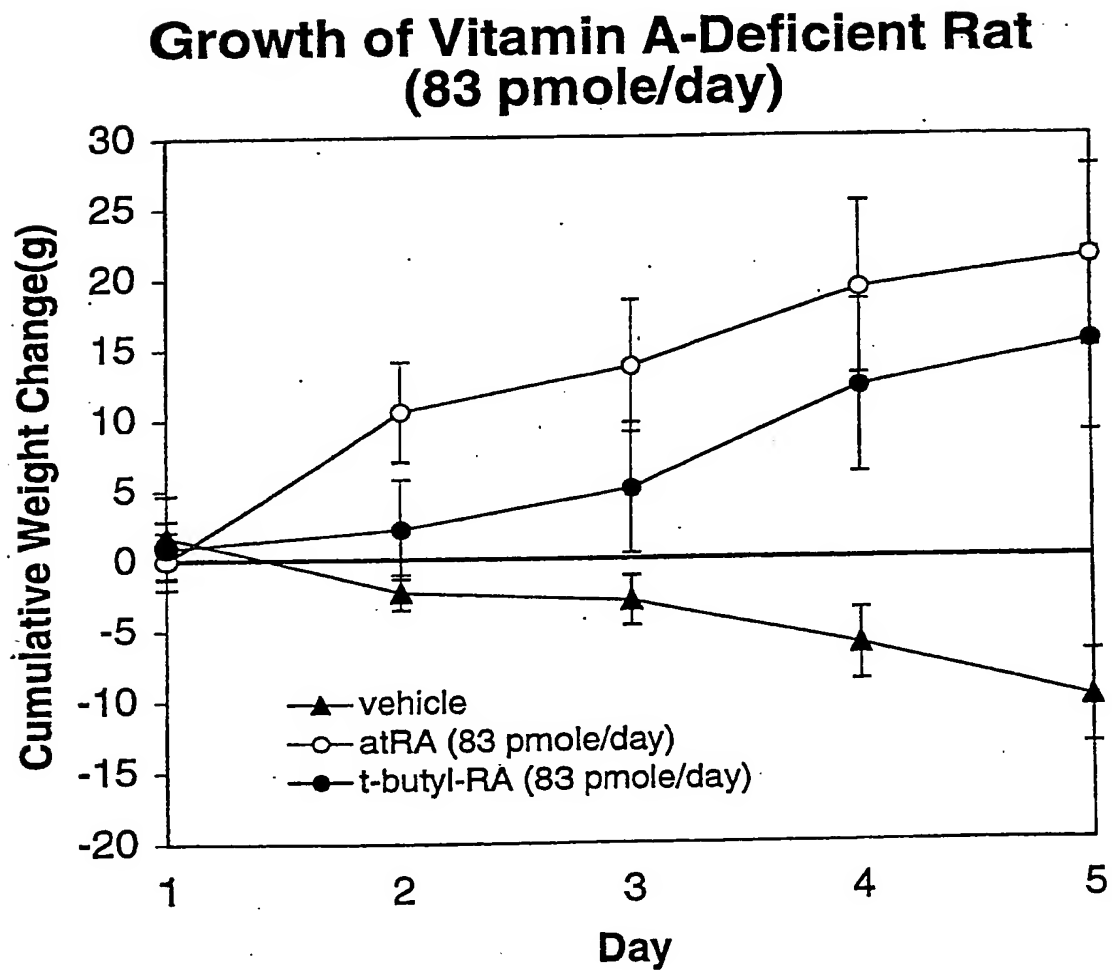


Figure 2

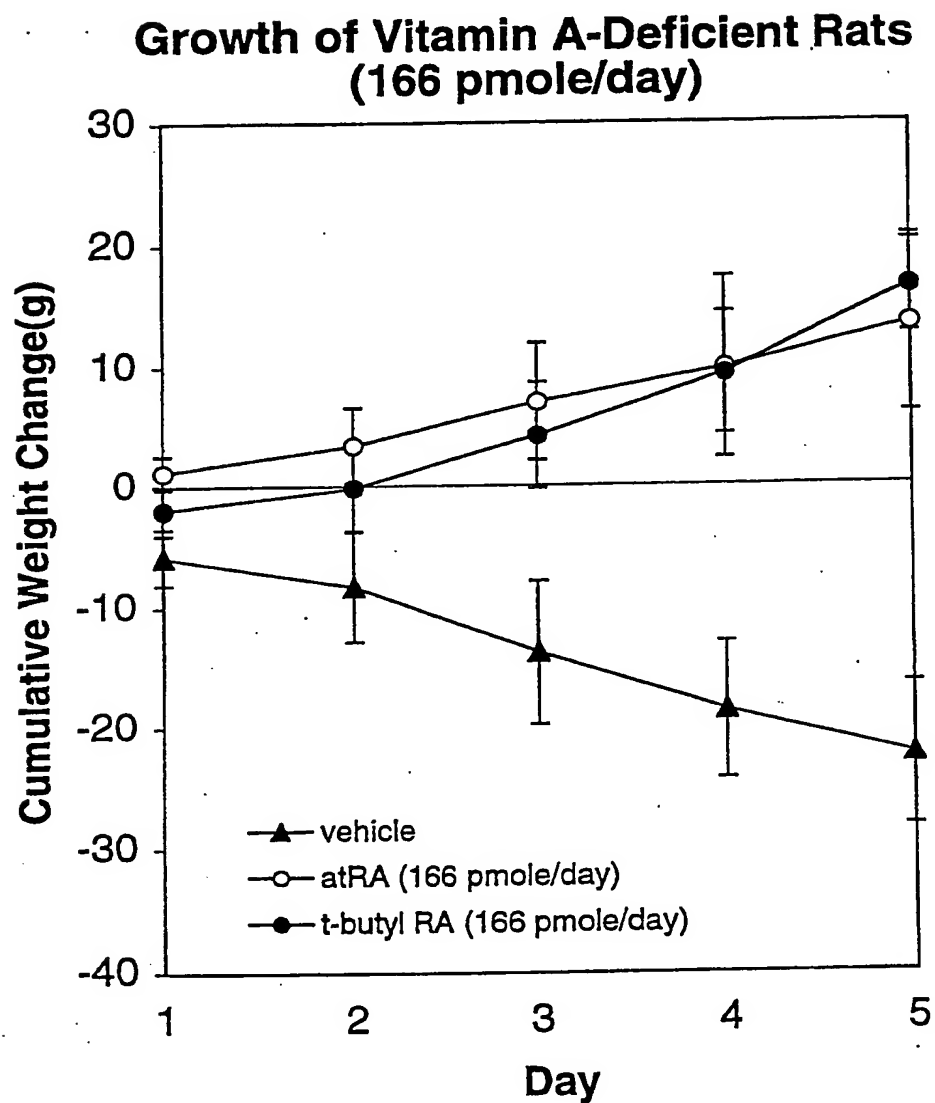


Figure 3
Summary: Growth of Vitamin A-Deficient Rats

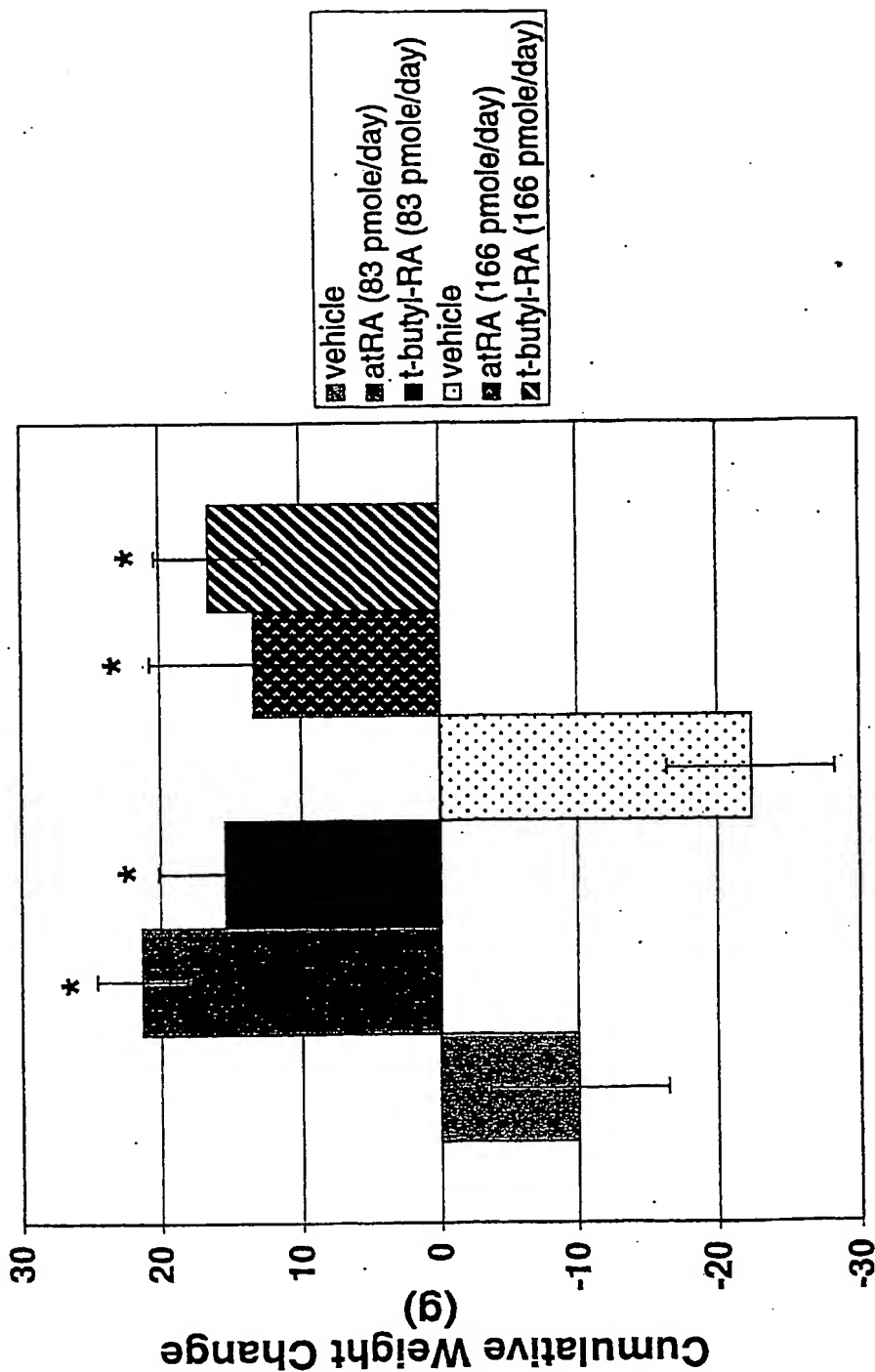


Figure 3 is a bar chart showing the cumulative weight change (g) for 4 groups of Vitamin A-deficient rats. The y-axis ranges from -30 to 30 g. The x-axis represents the treatment groups. The legend indicates: vehicle (white), atRA (83 pmole/day) (diagonal lines), t-butyl-RA (83 pmole/day) (cross-hatch), vehicle (white), atRA (166 pmole/day) (dots), and t-butyl-RA (166 pmole/day) (diagonal lines). Asterisks (*) indicate statistical significance (P < 0.01).

Figure 4

**Growth of Vitamin A-Deficient Rats:
atRA Versus Pinacol or Cholesterol Ester**

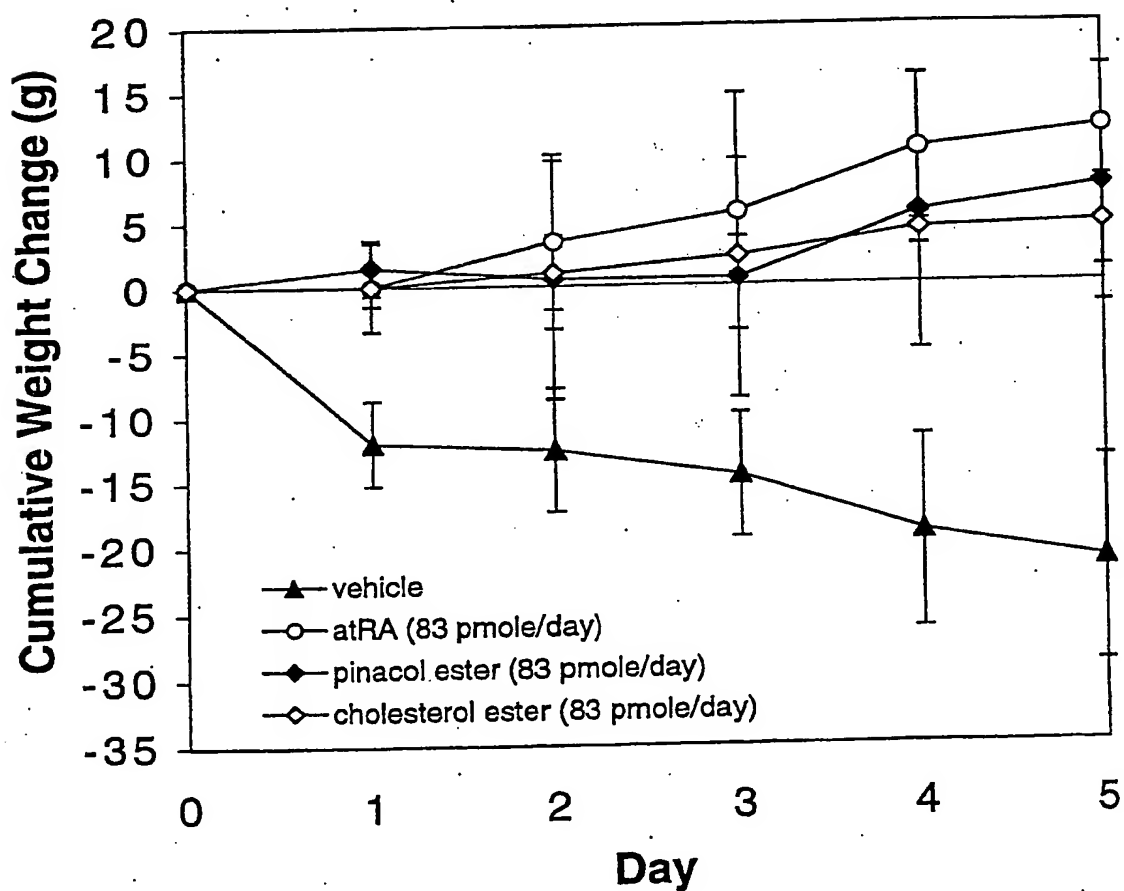


Figure 5

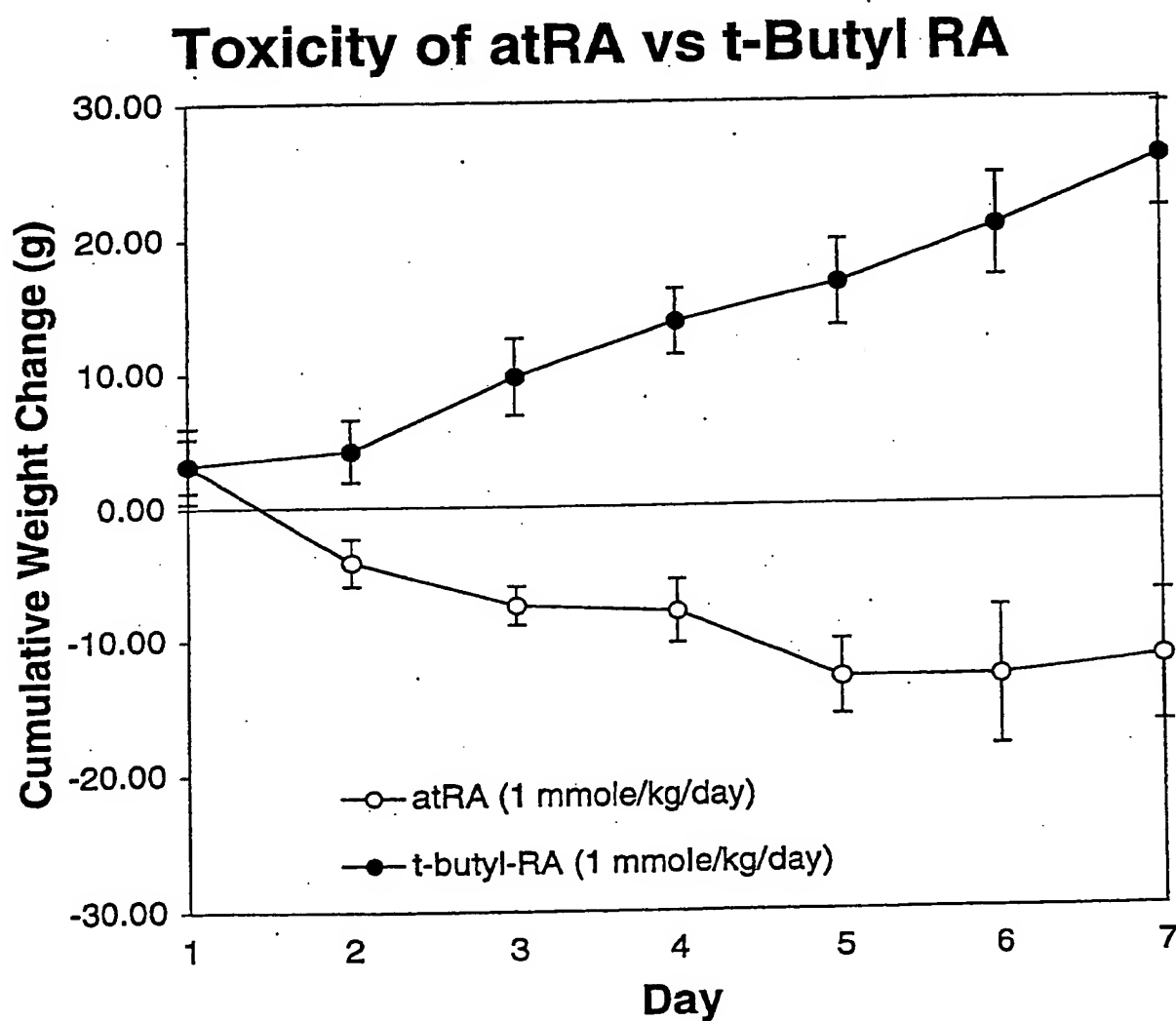


Figure 6

Toxicity of atRA vs t-butyl-RA

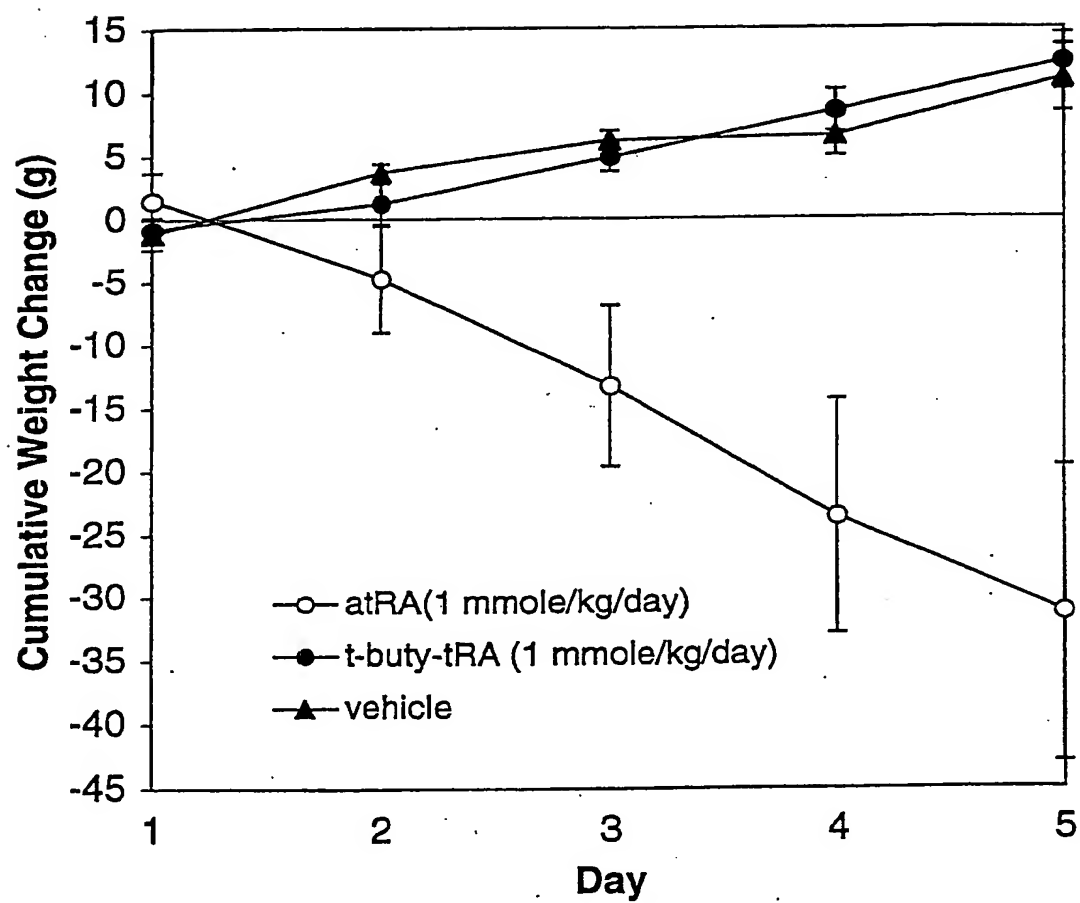


Figure 7

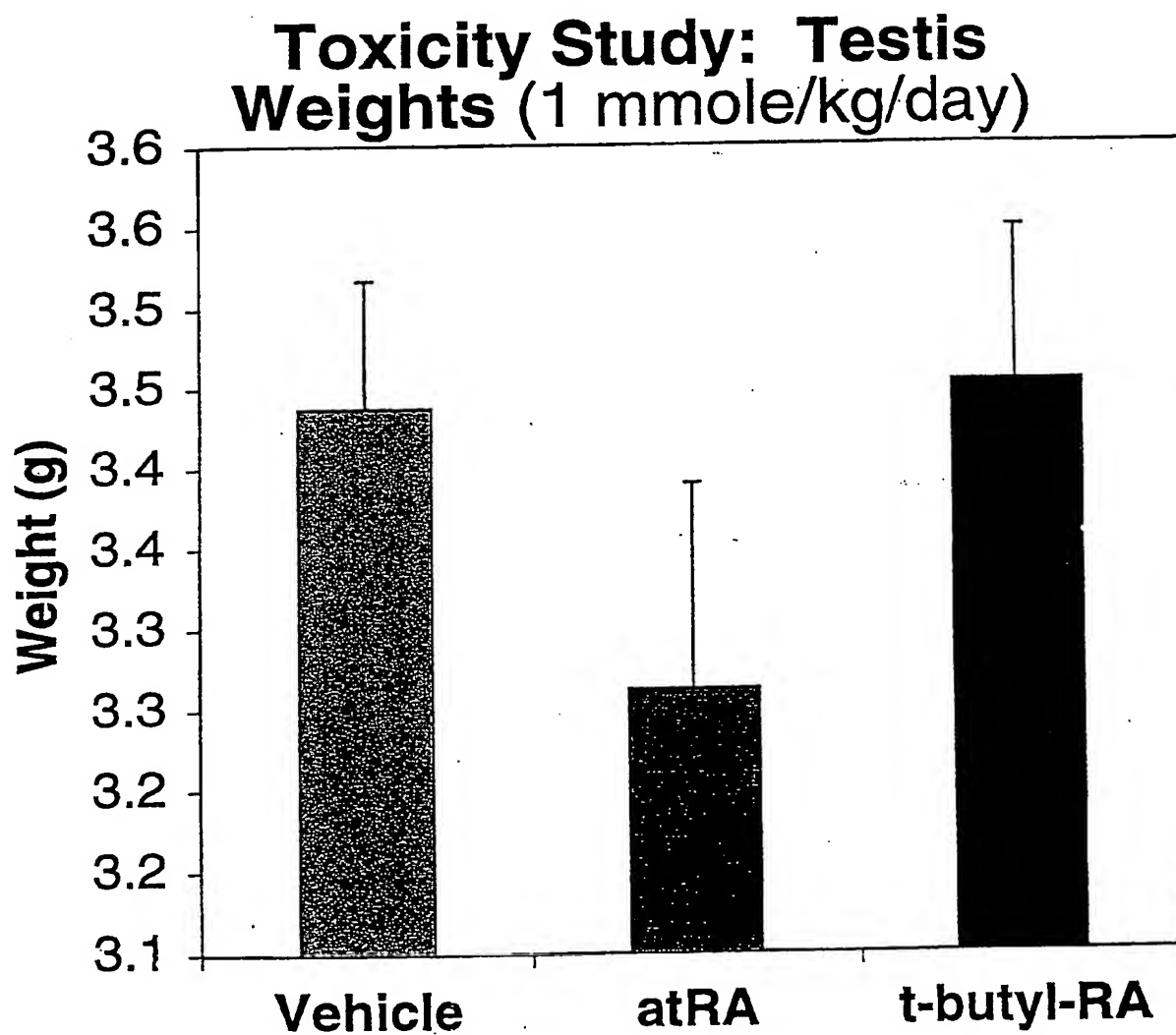
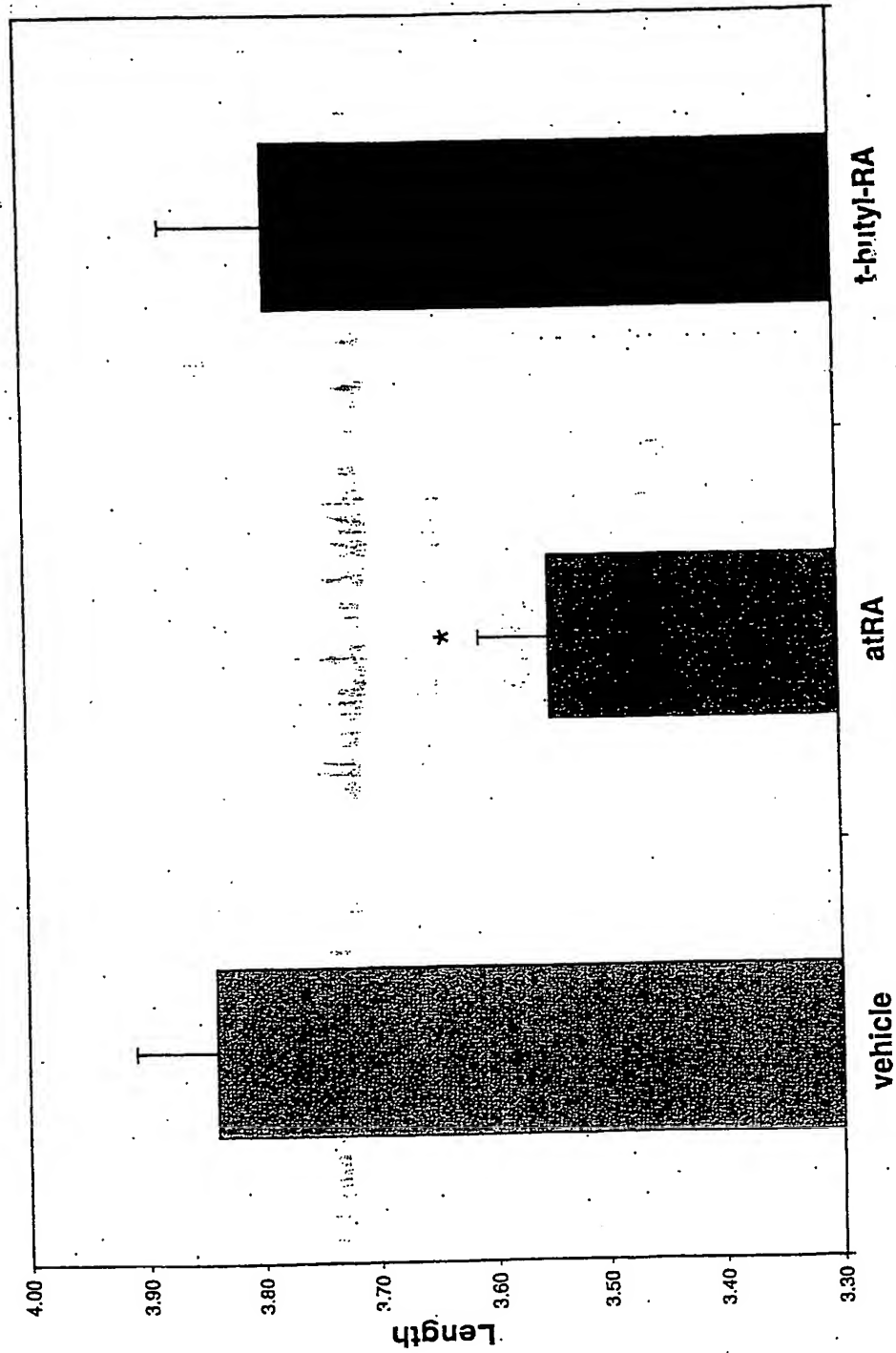


Figure 8

Teratogenicity Study: Ulna Length (0.1 mmole/kg)



Statistical Analysis: Bar with symbol differs from vehicle group by ANOVA and 4/4 post-hoc tests ($P < 0.02$)